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M protein - protein search, using sw model

run on: May 29, 2003, 15:32:45 ; Search time 45 Seconds
(Without alignments)
(182.203 Million cell updates/sec)

title: US-09-924-102-2
perfect score: 81
sequence: MLSTLHFLYLFYLFLSYSYL.....RNWGQGGRGTAIDTGGMFLS 81
coring table: OLIGO Gapop 60.0 , Gapext 60.0

total number of hits satisfying chosen parameters: 383519

minimum DB seq length: 0
maximum DB seq length: 200000000

post-processing: Listing first 45 summaries

database : Published_Applications_AA:*

1: /cgn2_6/ptodata/2/pubpaas/US08_NEW_PUB.pep:*

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13: /cgn2_6/ptodata/2/pubpaas/US60_NEW_PUB.pep:*

14: /cgn2_6/ptodata/2/pubpaas/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

result No.	Score	Query Match	Length	DB ID	Description	
1	81	100.0	81	9	US-09-924-102-2	
2	21.0	20	9	US-09-924-102-5	Sequence 2, Appl1	
3	12.3	181	10	US-09-881-284-236	Sequence 5, Appl1	
4	11.1	77	10	US-09-925-302-08	Sequence 236, Appl1	
5	9	120	9	US-09-764-891-4735	Sequence 608, Appl1	
6	8	26	10	US-09-925-301-1626	Sequence 4735, Appl1	
7	8	9.9	60	US-10-092-1132	Sequence 1162, Appl1	
8	8	9.9	60	US-09-764-869-1132	Sequence 1132, Appl1	
9	8	9.9	63	US-10-112-793-28	Sequence 1132, Appl1	
10	8	9.9	65	US-09-924-102-1	Sequence 1, Appl1	
11	8	9.9	65	US-10-203-081-1	Sequence 1, Appl1	
12	8	9.9	71	US-10-043-487-526	Sequence 526, Appl1	
13	7	8.6	26	9	US-09-984-761-3556	Sequence 206, Appl1
14	7	8.6	26	9	US-09-966-262-206	Sequence 206, Appl1
15	7	8.6	26	9	US-09-983-206	Sequence 206, Appl1
16	7	8.6	26	9	US-10-143-090-206	Sequence 139, Appl1
17	7	8.6	45	9	US-10-144-929-19	Sequence 34956, Appl1
18	7	8.6	51	10	US-09-864-761-4956	Sequence 3556, Appl1
19	7	8.6	147	9	US-09-764-891-3556	Sequence 3556, Appl1

ALIGNMENTS

RESULT	1	US-09-924-102-2
QY	1	MLSTLHFLYLFYLFLSYSYLGRARICLKRKTKQQQQ
Db	1	MLSTLHFLYLFYLFLSYSYLGRARICLKRKTKQQQQ
QY	61	RRWGQGGRGTAIDTGGMFLS 81
Db	61	RRWGQGGRGTAIDTGGMFLS 81

RESULT 2
US-09-924-102-5
; Sequence 5, Application US/09924102
; Publication No. US200201881041
; GENERAL INFORMATION:
; APPLICANT: KORNBLUTH, SALLY A

Sequence 213, App	308
Sequence 308, App	0
Sequence 10, AppI	0
Sequence 13, AppI	3
Sequence 7, AppI	3
Sequence 174, App	74
Sequence 424, App	24
Sequence 317, App	17
Sequence 961, App	61
Sequence 961, App	961
Sequence 196, App	96
Sequence 1399, App	3399
Sequence 1021, App	021
Sequence 1021, App	1021
Sequence 390, App	90
Sequence 4844, App	844
Sequence 34070, App	34070
Sequence 889, App	89
Sequence 889, App	89
Sequence 889, App	89
Sequence 886, App	86
Sequence 889, App	889

RESULT 6
 US-09-925-301-1626
 Sequence 1626, Application US/09925301
 Patent NO. US20020052308A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 FILE REFERENCE: PA106
 CURRENT APPLICATION NUMBER: US/09/925,301
 CURRENT FILING DATE: 2001-01-17
 Prior application data removed - refer to PALM or file wrapper
 NUMBER OF SEQ ID NOS: 2442
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1626
 LENGTH: 26
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (8)
 OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (26)
 OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
 US-09-925-301-1626
 Query Match 9.9%; Score 8; DB 10; Length 26;
 Best Local Similarity 100.0%; Pred. No. 0.73; 0; Indels
 Matches 8; Conservative 0; Mismatches 0; Gaps 0;
 QY 19 SIGDRARL 26
 Db 11 SIGDRARL 18
 LENGTH: 60
 RESULT 7
 US-10-091-504-1132
 Sequence 1132, Application US/10091504
 Publication No. US20030059908A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
 FILE REFERENCE: PC007C1
 CURRENT APPLICATION NUMBER: US/10/0911504
 CURRENT FILING DATE: 2002-03-07
 NUMBER OF SEQ ID NOS: 2442
 Prior Application removed - See File Wrapper or Palm
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1132
 LENGTH: 60
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-091-504-1132
 Query Match 9.9%; Score 8; DB 9; Length 60;
 Best Local Similarity 100.0%; Pred. No. 0.73; 0; Indels 0; Gaps 0;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 19 SIGDRARL 26
 Db 43 SIGDRARL 50
 LENGTH: 60
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (8)
 OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (26)
 OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
 US-09-925-301-1626
 Query Match 9.9%; Score 8; DB 10; Length 60;
 Best Local Similarity 100.0%; Pred. No. 0.73; 0; Indels
 Matches 8; Conservative 0; Mismatches 0; Gaps 0;
 QY 19 SIGDRARL 26
 Db 43 SIGDRARL 50
 LENGTH: 60
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (8)
 OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (26)
 OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
 US-10-112-793-28
 Sequence 28, Application US/10112793
 Publication No. US20020192729A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi J.
 TITLE OF INVENTION: Apo-2 LI AND Apo-3 POLYPEPTIDES
 NUMBER OF SEQUENCES: 28
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 1 DNA Way
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WINPATIN (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/112,793
 FILING DATE: 28-Mar-2002
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/828,683A
 FILING DATE: 31-Mar-1997
 APPLICATION NUMBER: US/625328
 FILING DATE: 1-Apr-1996
 APPLICATION NUMBER: US/08/710802
 FILING DATE: 23-Sep-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Marschang, Diane L.
 REGISTRATION NUMBER: 35,600
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650/225-5416
 TELEFAX: 650/952-9881
 INFORMATION FOR SEQ ID NO: 28:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 63 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: Linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 28:
 US-10-112-793-28
 Query Match 9.9%; Score 8; DB 9; Length 63;
 Best Local Similarity 100.0%; Pred. No. 0.76; 0; Indels
 Matches 8; Conservative 0; Mismatches 0; Gaps 0;

QY 35 OKEQQILR 42
 19 OKEQQILR 26

RESULT 10
 US-09-924-102-1
 Publication 1, Application US/09924102
 GENERAL INFORMATION:
 APPLICANT: KORNBLUTH, SALLY A
 APPLICANT: HOYLE, CHRISTOPHER
 TITLE OF INVENTION: REAPER PROTEIN
 FILE REFERENCE: 1579-470
 CURRENT APPLICATION NUMBER: US/09/924,102
 CURRENT FILING DATE: 2001-08-08
 PRIOR APPLICATION NUMBER: 60/223,699
 PRIOR FILING DATE: 2000-08-08
 NUMBER OF SEQ ID NOS: 14
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 1
 LENGTH: 65
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Drosophila Reaper
 US-09-924-102-1

Query Match 9.9%; Score 8; DB 9; Length 65;
 Best Local Similarity 100.0%; Pred. No. 0.78; Mismatches 0; Indels 0; Gaps 0;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 35 OKEQQILR 42
 19 OKEQQILR 26

RESULT 11
 US-10-203-081-1
 Sequence 1, Application US/10203081
 Publication No. US20030082527A1

GENERAL INFORMATION:
 APPLICANT: Smith, Gary K.
 TITLE OF INVENTION: Viral Cell Death Protein and Uses Therefore
 FILE REFERENCE: PCT3909
 CURRENT APPLICATION NUMBER: US/10/203,081
 CURRENT FILING DATE: 2002-08-05
 NUMBER OF SEQ ID NOS: 34
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 1
 LENGTH: 65
 TYPE: PRT
 ORGANISM: Drosophila melanogaster
 US-10-203-081-1

Query Match 9.9%; Score 8; DB 9; Length 65;
 Best Local Similarity 100.0%; Pred. No. 0.78; Mismatches 0; Indels 0; Gaps 0;

QY 35 OKEQQILR 42
 19 OKEQQILR 26

RESULT 12
 US-10-043-487-526
 Publication 526, Application US/10043487
 GENERAL INFORMATION:
 APPLICANT: HYBRIGENICS
 APPLICANT: Pierre LEBRAIN
 TITLE OF INVENTION: Protein-protein interactions between *Shigella Flexneri* polypeptid
 TITLE OF INVENTION: mammalian polypeptides

FILE REFERENCE: B4778A
 CURRENT APPLICATION NUMBER: US/10/043,487
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/261,130
 PRIOR FILING DATE: 2001-01-12
 NUMBER OF SEQ ID NOS: 561
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 526
 LENGTH: 71
 TYPE: PRT
 ORGANISM: *Shigella Flexneri*
 US-10-043-487-526

Query Match 9.9%; Score 8; DB 9; Length 71;
 Best Local Similarity 100.0%; Pred. No. 0.84; Mismatches 0; Indels 0; Gaps 0;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 SLGDRRL 26
 9 SLGDRRL 16

RESULT 13
 US-09-984-245-206
 Sequence 206, Application US/09984245
 Patent No. US2002165374A1

GENERAL INFORMATION:
 APPLICANT: Young et al.
 TITLE OF INVENTION: Human Secreted Proteins
 FILE REFERENCE: P2004P1
 CURRENT APPLICATION NUMBER: US/09/984,245
 CURRENT FILING DATE: 2001-10-29
 PRIOR APPLICATION NUMBER: 09/154,707
 PRIOR FILING DATE: 1998-09-17
 PRIOR APPLICATION NUMBER: PCT/US88/05311
 PRIOR FILING DATE: 1998-03-19
 PRIOR APPLICATION NUMBER: US 60/041,277
 PRIOR FILING DATE: 1997-03-21
 PRIOR APPLICATION NUMBER: US 60/042,344
 PRIOR FILING DATE: 1997-03-21
 PRIOR APPLICATION NUMBER: US 60/041,276
 PRIOR FILING DATE: 1997-03-21
 PRIOR APPLICATION NUMBER: US 60/041,281
 PRIOR FILING DATE: 1997-03-21
 PRIOR APPLICATION NUMBER: US 60/048,094
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,350
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,188
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,135
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 PRIOR APPLICATION NUMBER: US 60/048,095
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 PRIOR APPLICATION NUMBER: US 60/048,131
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,096
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,355
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,160

PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,351
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,154
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/054,804
 PRIOR FILING DATE: 1997-08-05
 PRIOR APPLICATION NUMBER: US 60/056,370
 PRIOR FILING DATE: 1997-08-19
 PRIOR APPLICATION NUMBER: US 60/060,862
 PRIOR FILING DATE: 1997-10-02
 NUMBER OF SEQ ID NOS: 343
 SOFTWARE: Patentin ver. 2.0
 SEQ ID NO 206
 LENGTH: 26
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-984-245-206

Query Match 8.6%; Score 7; DB 9; Length 26;
 Best Local Similarity 100.0%; Pred. No. 3; 5; Mismatches 0; Indels 0; Gaps 0;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 14
 US-09-966-262-206
 Sequence 206. Application US/09966262
 Publication No. US20030050461A1
 GENERAL INFORMATION:
 APPLICANT: Young et al.
 TITLE OF INVENTION: 87. Human Secreted Proteins
 FILE REFERENCE: P2004P1
 CURRENT APPLICATION NUMBER: US/09/966,262
 PRIOR FILING DATE: 2001-10-01
 PRIOR APPLICATION NUMBER: US 09/154,707
 PRIOR FILING DATE: 1998-09-17
 PRIOR APPLICATION NUMBER: PCT/US98/05311
 PRIOR FILING DATE: 1998-03-19
 PRIOR APPLICATION NUMBER: US 60/041,277
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 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,099
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,095
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,131

Query Match 8.6%; Score 7; DB 9; Length 26;
 Best Local Similarity 100.0%; Pred. No. 3; 5; Mismatches 0; Indels 0; Gaps 0;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 14
 US-09-966-262-206
 Sequence 206. Application US/09966262
 Publication No. US20030050461A1
 GENERAL INFORMATION:
 APPLICANT: Young et al.
 TITLE OF INVENTION: 87. Human Secreted Proteins
 FILE REFERENCE: P2004P1
 CURRENT APPLICATION NUMBER: US/09/966,262
 PRIOR FILING DATE: 2001-10-01
 PRIOR APPLICATION NUMBER: US 09/154,707
 PRIOR FILING DATE: 1998-09-17
 PRIOR APPLICATION NUMBER: PCT/US98/05311
 PRIOR FILING DATE: 1998-03-19
 PRIOR APPLICATION NUMBER: US 60/041,277
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 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,095
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,131

Query Match 8.6%; Score 7; DB 9; Length 26;
 Best Local Similarity 100.0%; Pred. No. 3; 5; Mismatches 0; Indels 0; Gaps 0;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 15
 US-09-983-966-206
 Sequence 206. Application US/09993966
 Publication No. US20030060619A1
 GENERAL INFORMATION:
 APPLICANT: Young et al.
 TITLE OF INVENTION: 87. Human Secreted Proteins
 FILE REFERENCE: P2004P1
 CURRENT APPLICATION NUMBER: US/09/983,966
 PRIOR FILING DATE: 2001-10-29
 PRIOR APPLICATION NUMBER: 09/154,707
 PRIOR FILING DATE: 1998-09-17
 PRIOR APPLICATION NUMBER: PCT/US98/05311
 PRIOR FILING DATE: 1998-03-19
 PRIOR APPLICATION NUMBER: US 60/041,277
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 PRIOR APPLICATION NUMBER: US 60/042,344
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 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,095
 PRIOR FILING DATE: 1997-05-30
 PRIOR APPLICATION NUMBER: US 60/048,131

Query Match 8.6%; Score 7; DB 9; Length 26;
 Best Local Similarity 100.0%; Pred. No. 3; 5; Mismatches 0; Indels 0; Gaps 0;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

PRIOR FILING DATE: 1997-05-30
PRIOR APPLICATION NUMBER: US 60/048,069
PRIOR FILING DATE: 1997-05-30
PRIOR APPLICATION NUMBER: US 60/048,095
PRIOR FILING DATE: 1997-05-30
PRIOR APPLICATION NUMBER: US 60/048,131
PRIOR FILING DATE: 1997-05-30
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PRIOR APPLICATION NUMBER: US 60/054,804
PRIOR FILING DATE: 1997-08-05
PRIOR APPLICATION NUMBER: US 60/056,370
PRIOR FILING DATE: 1997-08-19
PRIOR APPLICATION NUMBER: US 60/050,862
PRIOR FILING DATE: 1997-10-02
NUMBER OF SEQ ID NOS: 343
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 206
LENGTH: 26
TYPE: PRT
ORGANISM: Homo sapiens
US-09-983-966-206

Query Match 8.6%; Score 7; DB 9; Length 26;
Best Local Similarity 100.0%; Pred. No. 3; 5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	8 FIFTY	14
Db		15
	9 FIFTY	15

Search completed: May 29, 2003, 15:41:53
Job time : 51 secs